

Regular Meeting of the Board of Directors



CENTRAL TEXAS REGIONAL
MOBILITY AUTHORITY

December 16, 2020

Welcome and opportunity for public comment



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Bobby Jenkins
Chairman

Consent Agenda

2. Approve the minutes from the November 9, 2020 Special Called Board Meeting and the November 18, 2020 Regular Board Meeting
3. Renew an interlocal agreement to provide transponder transaction processing services to the Cameron County Regional Mobility Authority
4. Amend board approved Work Authorization No. 17 with Kapsch TrafficComm USA, Inc. for the installation of intelligent transportation system hardware on the 183A corridor
5. Approve an agreement with Motorola Solutions, Inc. for the purchase (as provided in the State Department of Information Resources Program) of additional automatic license plate reader technology for the Mobility Authority's habitual violator enforcement program
6. Authorize the Executive Director to execute an amended interlocal agreement with Williamson County for Habitual Violator road enforcement services
7. Authorize Mischler Financial Group, Inc. to provide investment services and engage in investment transactions with the Mobility Authority
8. Authorize the Executive Director to contract with Data Transfer Solutions LLC to perform data collection on the 183 South corridor to add the infrastructure into the Mobility Authority's Geographic Information System in order to utilize the asset management work order tracking system



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Bobby Jenkins

Chairman

**Accept the financial statements
through October 2020 and
consider the monthly budget
update**

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Robert D. Goode - Deputy Executive Director

William Chapman - Chief Financial Officer

Mary Temple - Controller

Monthly Revenue and Cashflow Update

William Chapman
Chief Financial Officer



**Most recent figures
to be presented at Board
Meeting**

Accept Financial Statements through October 2020

Mary Temple
Controller

Executive Director Report

- A. 183 South (Bergstrom Expressway) Project Opening
- B. Barton Skyway Ramp Relief Project Update
- C. 183 North Project Procurement Update

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Mike Heiligenstein

Executive Director

Executive Director Report

- A. 183 South (Bergstrom Expressway) Project Opening
- B. Barton Skyway Ramp Relief Project Update**
- C. 183 North Project Procurement Update

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Mike Heiligenstein

Executive Director

Executive Director Report

- A. 183 South (Bergstrom Expressway) Project Opening
- B. Barton Skyway Ramp Relief Project Update
- C. 183 North Project Procurement Update



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Mike Heiligenstein

Executive Director



183 North Mobility Project Timeline

■ Procurement & Contractor Selection ■ Contract Negotiation ■ Design and Construction



- Updating tolling model to between a hybrid time of day/dynamic pricing model
- Output of tolling model available mid-January
- Investment Grade report available mid-February
- The increased history should result in better market acceptance
- A targeted Late March/early April time frame for market access

Executive Session

Please remain seated and quiet while the Executive Session agenda is read into the record.

11. Discuss the acquisition of one or more parcels or interests in real property needed for the 183A Phase III Project and related issues, pursuant to §551.072 (Deliberation Regarding Real Property) and §551.071 (Consultation with Attorney).
12. Discuss legal issues related to claims by or against the Mobility Authority; pending or contemplated litigation and any related settlement offers; or other matters as authorized by §551.071 (Consultation with Attorney).
13. Discuss legal issues relating to procurement and financing of Mobility Authority transportation projects, as authorized by §551.071 (Consultation with Attorney).
14. Discuss personnel matters as authorized by §551.074 (Personnel Matters).



#11-14

Bobby Jenkins

Chairman

Authorize the negotiation and execution of a contract to purchase each of the following described parcels or property interests for the 183A Phase III Project:

- A. Parcel 2E of the 183A Phase III Project, a permanent easement taking of 1,771 square feet of real estate, owned by C. Craig Carlton and Curtis Griffin, and located at Hwy 183, Leander, TX 78641.



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Geoff Petrov

General Counsel

Adjourn Meeting

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Bobby Jenkins
Chairman

Regular Meeting of the Board of Directors



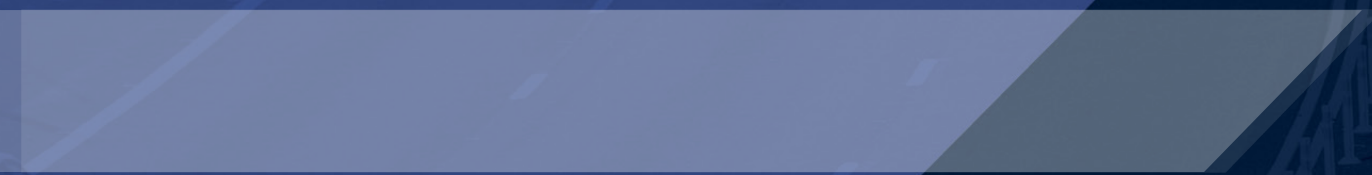
CENTRAL TEXAS REGIONAL
MOBILITY AUTHORITY

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CONSENT AGENDA BACKUP MATERIALS



CENTRAL TEXAS REGIONAL
MOBILITY AUTHORITY



Renew an interlocal agreement to provide transponder transaction processing services to the Cameron County Regional Mobility Authority



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Tracie Brown
Director of Operations



- » The Cameron County Regional Mobility Authority (CCRMA) was created in 2004 by the Cameron County Commissioners Court
- » Governed by a 7-member Board of Directors
- » Provides local leadership on new and innovative solutions to reduce congestion, improve connectivity, and facilitate economic development within Cameron County
- » CCRMA's projects includes the SH 550 Toll as well as numerous local infrastructure projects

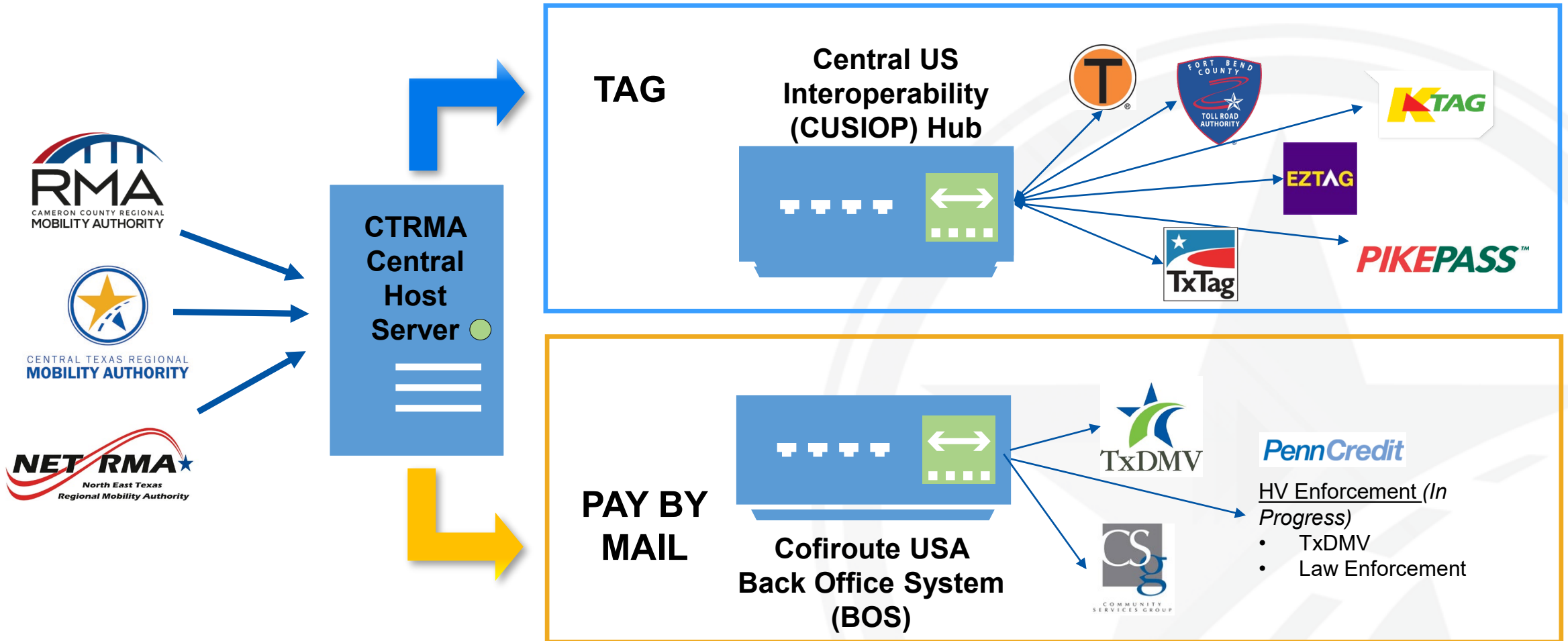




- » In 2011 the CTRMA Board approved an interlocal agreement (ILA) with CCRMA for electronic toll transaction processing and video toll collection services through the Mobility Authority's third-party vendors
- » The services were provided by Schneider Electric as well as MSB and performed on a pass-through basis at zero cost to the Mobility Authority



Transaction Processing Overview



» In December 2016, CCRMA launched its own Customer Service Center and Back Office System (BOS) to manage Pay by Mail functions; therefore, CTRMA only processes their tag transactions



- » Although CCRMA established its own Pay by Mail system in 2016, CCRMA would like to continue to process its electronic tag transactions through the Mobility Authority's connection to the Central US Interoperability hub
- » These services be performed on a pass-through basis at zero cost to the Mobility Authority
- » CCRMA will be required to pay its proportionate share of interoperability hardware and software maintenance costs
- » The initial term of the ILA is through August 31, 2023
 - » The term of the ILA may be extended by written agreement by both parties or terminated upon ninety (90) days written notice



Staff Recommendation

- » Staff recommends approval to renew an interlocal agreement (ILA) to provide transponder transaction processing services to the Cameron County Regional Mobility Authority (CCRMA)

**Amend board approved
Work Authorization No. 17
with Kapsch TrafficComm
USA, Inc. for the installation
of intelligent transportation
system hardware on the
183A corridor**



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Greg Mack

Assistant Director of Toll Systems and IT



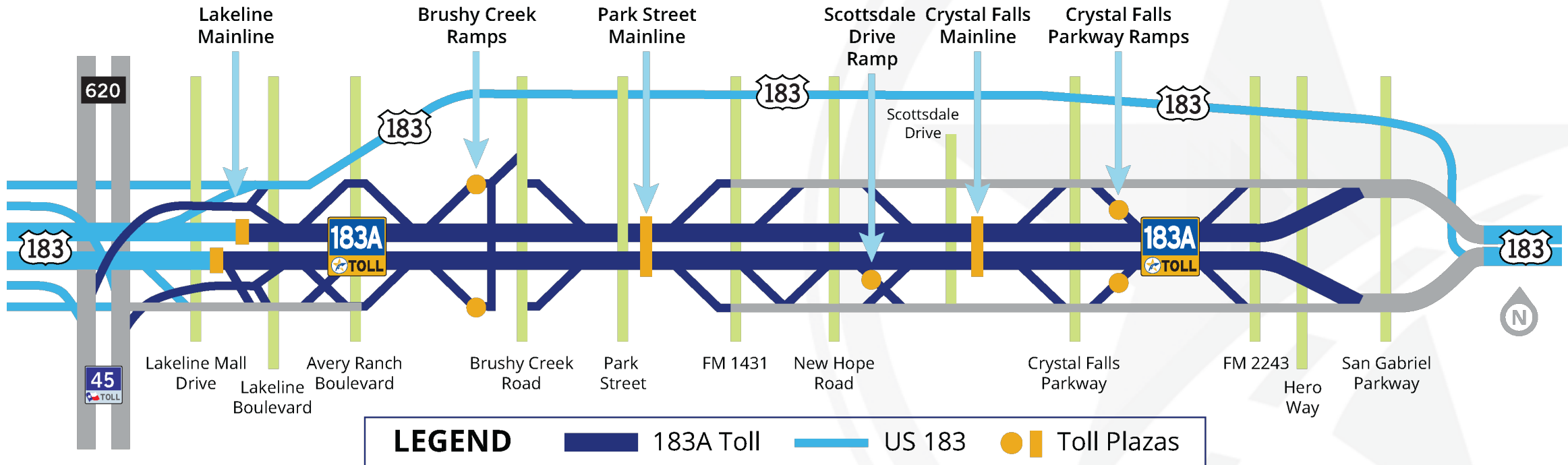
183A Initial ITS Retrofit

- » In March 2019, the Mobility Authority Board approved Work Authorization #17 with Kapsch TrafficCom for an initial retrofit of the existing 183A Toll corridor with intelligent transportation systems (ITS)
- » Those efforts included the procurement, installation, testing and integration of nine (9) PTZ remote control traffic cameras and ten (10) microwave vehicle detectors
 - » The devices are being placed at ½ mile intervals along the 183A corridor
- » The total cost is not to exceed \$378,612.14



183A ITS Retrofit Area

» The approximate limits of the ITS retrofit project are the existing 183A toll facility bounded by SH 45N Toll / RM 620 in north Austin to Hero Way in Leander





Initial 183A ITS Retrofit Project Status



- » Four of the nine cameras have been installed and live video integrated into the TIM Center
 - » The remaining five (5) CCTV cameras will not be installed until lightning protection is in place
- » Five of the 11 traffic sensors have been installed and are logging live traffic
 - » The remaining six (6) traffic sensors have been installed, but cannot transmit data until all civil work is complete



- » Staff is recommending Kapsch TrafficCom USA procure, install, test, and integrate two (2) dynamic message signs (DMS), and an advanced incident detection (AID) system with 36 fixed cameras and TrafficVision Software on the existing 183A
- » These improvements offer:
 - » Faster incident detection
 - » Improved emergency response times
 - » Enhanced communication with 183A drivers
- » The proposed Amendment amount is \$548,195.78, bringing the total 183A ITS retrofit project cost to \$926,807.92
- » Funding is included in the FY21 Operating Budget under CIP-183A



Staff Recommendation

- » Staff recommends approval of an amendment to Work Authorization No. 17 with Kapsch TrafficComm USA, LLC for the installation of intelligent transportation system hardware on the 183A corridor

Approve an agreement with Motorola Solutions, Inc. for the purchase (as provided in the State Department of Information Resources Program) of additional automatic license plate reader technology for the Mobility Authority's habitual violator enforcement program

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Greg Mack

Assistant Director of Toll Systems and IT



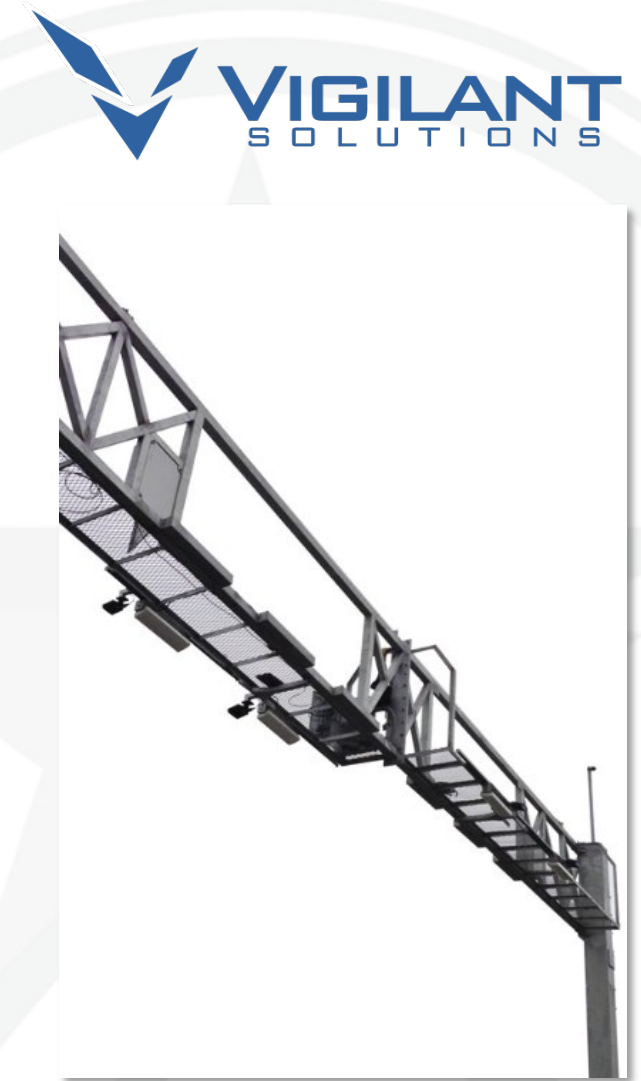
Habitual Violator Program Background

- » **September 2018:** The Mobility Authority Board approved a habitual violator program
- » **June 2019:** The Board approved purchase of automatic license plate readers (ALPR) to detect prohibited habitual violator vehicles
- » **July 2019:** The Board authorized the Executive Director to negotiate / execute ILAs with Travis & Williamson County for habitual violator road enforcement services
- » **December 2019:** The Williamson County Commissioner's Court approved an ILA with the Mobility Authority for habitual violator road enforcement services



Automatic License Plate Reader (ALPR) Proposal

- » To enhance and expand detection of prohibited vehicles and reduce revenue leakage, staff proposes to acquire 14 additional fixed ALPR units to complement the 14 units deployed in late 2019 on 183A Toll and 290 Toll
- » The additional cameras would be installed on 290 Toll, 183 Toll and the MoPac Express Lane
- » The total cost of this additional technology is not to exceed \$285,373.05





- 1. Data Capture:** Fixed and mobile automatic license plate recognition (ALPR) cameras take photos of license plates capturing date, time and GPS coordinates of where the photo was taken - just like smartphone cameras
- 2. Alert:** ALPR data is compared against the Authority's prohibited vehicle hot list in real-time
- 3. Notification:** Alerts regarding license plate matches are sent immediately to nearby contracted law enforcement



- » Staff proposes to acquire the cameras from Motorola Solutions, Inc.
- » Motorola is an approved Texas Department of Information Resources (DIR) vendor
- » DIR's Cooperative (Co-op) Contracts program is a streamlined cooperative purchasing program that was added to the Authority's cache of procurement tools through an amendment of the Policy Code in November 2020
- » The State's contract with Motorola Solutions, Inc. expires in April 2023



Staff Recommendation

- » Staff recommends approving the agreement with Motorola Solutions, Inc. for the purchase (as provided in the State Department of Information Resources Program) of additional automatic license plate reader technology for the Mobility Authority's habitual violator enforcement program

Authorize the Executive Director to execute an amended interlocal agreement with Williamson County for Habitual Violator road enforcement services

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Tracie Brown

Director of Operations



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- » Williamson County Precinct #1 constable deputies began on-road prohibited vehicle enforcement in February 2020
- » Services were suspended March – May 2020 due to COVID
- » To date, the deputies have performed over 400 habitual violator vehicle stops
- » The election of a new Constable in Precinct #1 necessitates the execution of a different ILA with Williamson County to continue these services



- » The Mobility Authority will contract with Williamson County for marked law enforcement vehicles, uniformed law enforcement officers, and all vehicular equipment necessary to enforce orders prohibiting the operation of certain motor vehicles on Mobility Authority toll facilities
- » Total cost not to exceed \$300,000 in FY 2021
- » The term of the proposed ILA shall terminate on September 30, 2021 and may be extended through two one (1) year automatic renewals, if both parties are in concurrence
- » Agreement may also be terminated by mutual written agreement, or 30 days after either party gives notice to the other party



Staff Recommendation

- » Staff recommends authorizing the Executive Director to execute an amended interlocal agreement with Williamson County for Habitual Violator road enforcement services



**Authorize Mischler Financial
Group, Inc. to provide
investment services and engage
in investment transactions with
the Mobility Authority**

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William Chapman
Chief Financial Officer

Authorize the Executive Director to contract with Data Transfer Solutions LLC to perform data collection on the 183 South corridor to add the infrastructure into the Mobility Authority's Geographic Information System in order to utilize the asset management work order tracking system

Mike Sexton, P.E.

Interim Director of Engineering

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